Priyanka Shinde

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EDUCATION

Northeastern University, Boston, MA
Master of Science in Computer Science **Sep 2023 - May 2025**
Courses: Application Engineering Development, Data Management & Design, Data Science Eng tools & methods, WebDev & UI/UX

Atharva College of Engineering, Mumbai, India
Bachelors of Engineering in Information technology **Aug 2019 - May 2022**
Relevant Courses: Big Data Analytics, AI, Data Structures, Advanced Data Structures & Analysis of Algorithms, DBMS

TECHNICAL SKILLS

Programming Languages	: Java, Python, JavaScript (ES6+), R, C, C++, C#, PHP
Frontend	: React, Angular, HTML5, CSS3, Bootstrap, JSON, AJAX
Backend	: Java (Spring Boot, Hibernate), Node.js, Express.js, TypeScript, REST
Databases	: MongoDB, MySQL, PostgreSQL, SQL Server, NoSQL, GraphQL, Oracle
DevOps	: AWS (Lambda, API Gateway, S3), Azure, GCP, Docker, Kubernetes, Terraform, Bitbucket,
Other	: Selenium, Apache Kafka, Jira,SOAP,,Unix Shell Scripting,Splunk,Apache Tomcat, Visual Studio

EXPERIENCE

Merkle inc. - *Software Engineer* **Jun 2022 - Aug 2023**

- Designed and developed scalable **microservices** for **distributed systems** using **Java Spring/Spring Boot** and **Hibernate**, ensuring high availability and performance
- Built and optimized **RESTful APIs**, improving response time by **40%** using **Redis caching and query optimization**
- Implemented CI/CD workflows using Git and GitHub, Jenkins ensuring seamless deployment, testing and version control
- Led cross-functional team communication & collaboration to integrate third-party APIs
- Built a **real-time analytics dashboard** with **React, D3.js, and PostgreSQL**, increasing system efficiency by **25%**
- Worked with headless **CMS platforms** (Craft CMS, Sanity) to streamline content management and delivery in dynamic web applications
- Participated in all stages of the SDLC, improved system scalability, reduced deployment time, and enhanced security and performance

Merkle inc. - S*ummer Software Intern* **May 2021 - Aug 2021**

- Built responsive web applications using React, Angular, and NodeJS, focusing on creating intuitive user interfaces
- Collaborated in an Agile environment to optimize delivery timelines and enhance product quality
- Conducted code reviews to improve code quality, debugging, ensure best practices, and optimize performance
- Implemented RESTful APIs and integrated cloud services to support scalable application architecture

The Sparks Foundation - *Python developer Intern* **June 2020 - Aug 2020**

- Built a **supervised ML model** using **Python, Pandas, and Scikit-learn**
- Achieved **91.57% accuracy** through data preprocessing and statistical optimization, conducted **data analysis and visualization** using **Matplotlib and Seaborn**

ACADEMIC PROJECTS

Child Adoption System - Enterprise Application, *Northeastern University*

- Developed a Java-based application using **Java 11+, Spring Boot, Hibernate/JPA, and JDBC** with a microservices architecture
- Designed a **normalized database schema** with SQL and PL/SQL, ensuring optimal data structuring and integrity
- Utilized **JUnit and Mockito** for writing unit and integration tests, ensuring robust test coverage
- Deployed and managed microservices using **Kubernetes**, implementing distributed tracing with OpenTelemetry

Voice4Rights - Full Stack Web Application, *Northeastern University*

- Architected and developed a scalable web platform using Node.js, Express, React, and Angular
- Implemented cloud-based microservices architecture using AWS Lambda and API Gateway ensuring scalable solutions
- Designed RESTful APIs for real-time data exchange and integrated Stripe payment gateway
- Utilized MongoDB for efficient data management and implemented comprehensive API documentation
- Leveraged Google BigQuery for advanced analytics and data processing

Revsis, *Atharva College of Engineering*

- Worked in a team of three and successfully implemented a project that performs sentiment analysis using Natural Language Processing (NLP) techniques to evaluate sentiment in news headlines by Thomson Reuters
- Technologies used were Java, CoreNLP Library, HTML, CSS, SQL and bootstrap to develop a comprehensive analysis system

CERTIFICATIONS

- AWS Fundamentals (Specialization- 4 courses) • Amazon Web Services(Coursera)
- Python for Everybody (Specialization- 5 courses) • University of Michigan (Coursera)